

AMENDMENTS TO THE CLAIMS:

This listing of claims will replace all prior versions, and listings, of claims in the application:

LISTING OF CLAIMS:

1. (Currently Amended) A bistable liquid crystal display, comprising:

a) a liquid crystal cell having top and bottom alignment layers with rubbing directions between them that favor a twist angle of $\pm 22\pm 5^\circ$ to define a first stable state;

b) an input polarizer with an angle of $\pm 45\pm 5^\circ$ relative to the rubbing direction of an adjacent alignment layer and an output polarizer at an angle of $\pm 68\pm 5^\circ$ relative to said rubbing direction; and

c) a chiral dopant added to a liquid crystal layer of the liquid crystal cell such that a ratio of the a thickness of the liquid crystal layer and the a pitch of the liquid crystal twist is between 0.19±0.1 to define a second stable state;

d) wherein the thickness times the birefringence of the liquid cell is $0.27\pm 0.1\mu\text{m}$.

Claims 2-13. (Canceled)

14. (Previously Presented) A liquid crystal display as claimed in claim 1 further comprising

a) a first transparent conductive electrode on one side of the liquid crystal cell; and

b) a second transparent conductive electrode structure on the other side of the liquid crystal cell consisting of a conductive ground plane, an insulation layer on top of such ground plane, and a top conductive electrode patterned into a comb shaped structure.

15. (Original) A liquid crystal display as claimed in claim 14 wherein said transparent conductive electrodes are formed of indium tin oxide.

Claims 16-19. (Canceled)

20. (Previously Presented) A liquid crystal display as claimed in claim 14 wherein the comb shaped electrode and the first transparent conductive electrode form a matrix structure with horizontal and vertical lines.

Claims 21-39. (Canceled)